

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/089,164
Source: IFW/C
Date Processed by STIC: 12-7-04

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 12/07/2004

PATENT APPLICATION: US/10/089,164

TIME: 10:15:49

Input Set : A:\220681US0XPCT.txt

Output Set: N:\CRF4\12072004\J089164.raw

```

3 <110> APPLICANT: CHATON, PATRICK
4     POUPINET, LUDOVIC
5     GINOT, FREDERIC
6     NOVELLI ROUSSEAU, ARMELLE
8 <120> TITLE OF INVENTION: METHOD AND DEVICE FOR DETECTING A MOLECULAR RECOGNITION
REACTION
10 <130> FILE REFERENCE: 220681US0PCT
12 <140> CURRENT APPLICATION NUMBER: US 10/089,164
13 <141> CURRENT FILING DATE: 2002-03-27
15 <150> PRIOR APPLICATION NUMBER: PCT/FR00/02703
16 <151> PRIOR FILING DATE: 2000-09-29
18 <150> PRIOR APPLICATION NUMBER: FR 9912229
19 <151> PRIOR FILING DATE: 1999-09-30
21 <160> NUMBER OF SEQ ID NOS: 24
23 <170> SOFTWARE: PatentIn version 3.3
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26 <211> LENGTH: 18
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
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38 <211> LENGTH: 20
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Synthetic DNA
45 <400> SEQUENCE: 2
46 tatgaaactt atggggatag                                     20
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50 <211> LENGTH: 16
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Synthetic DNA
57 <400> SEQUENCE: 3
58 gatacttcta tcacca                                       16
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 15
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:

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67 <223> OTHER INFORMATION: Synthetic DNA
70 <220> FEATURE:
71 <221> NAME/KEY: misc_feature
72 <222> LOCATION: (9)..(9)
73 <223> OTHER INFORMATION: n = inosine
75 <220> FEATURE:
76 <221> NAME/KEY: misc_feature
77 <222> LOCATION: (13)..(13)
78 <223> OTHER INFORMATION: n = inosine
80 <400> SEQUENCE: 4
W--> 81 gagcagaanc ggncc 15
84 <210> SEQ ID NO: 5
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86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Synthetic DNA
93 <220> FEATURE:
94 <221> NAME/KEY: misc_feature
95 <222> LOCATION: (12)..(12)
96 <223> OTHER INFORMATION: n = inosine
98 <400> SEQUENCE: 5
W--> 99 ctggaagacg ancgg 15
102 <210> SEQ ID NO: 6
103 <211> LENGTH: 18
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Synthetic DNA
111 <220> FEATURE:
112 <221> NAME/KEY: misc_feature
113 <222> LOCATION: (5)..(5)
114 <223> OTHER INFORMATION: n = inosine
116 <220> FEATURE:
117 <221> NAME/KEY: misc_feature
118 <222> LOCATION: (7)..(7)
119 <223> OTHER INFORMATION: n = inosine
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122 <221> NAME/KEY: misc_feature
123 <222> LOCATION: (10)..(10)
124 <223> OTHER INFORMATION: n = inosine
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127 <221> NAME/KEY: misc_feature
128 <222> LOCATION: (13)..(13)
129 <223> OTHER INFORMATION: n = inosine
131 <220> FEATURE:
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133 <222> LOCATION: (15)..(15)
134 <223> OTHER INFORMATION: n = inosine
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136 <220> FEATURE:
 137 <221> NAME/KEY: misc_feature
 138 <222> LOCATION: (17)..(18)
 139 <223> OTHER INFORMATION: n = inosine
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 145 <210> SEQ ID NO: 7
 146 <211> LENGTH: 18
 147 <212> TYPE: DNA
 148 <213> ORGANISM: Artificial Sequence
 150 <220> FEATURE:
 151 <223> OTHER INFORMATION: Synthetic DNA
 154 <220> FEATURE:
 155 <221> NAME/KEY: misc_feature
 156 <222> LOCATION: (9)..(9)
 157 <223> OTHER INFORMATION: n = inosine
 159 <220> FEATURE:
 160 <221> NAME/KEY: misc_feature
 161 <222> LOCATION: (11)..(13)
 162 <223> OTHER INFORMATION: n = inosine
 164 <220> FEATURE:
 165 <221> NAME/KEY: misc_feature
 166 <222> LOCATION: (15)..(15)
 167 <223> OTHER INFORMATION: n = inosine
 169 <400> SEQUENCE: 7

W--> 170 cagaggcgng nnnncnctg

18

173 <210> SEQ ID NO: 8
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 175 <212> TYPE: DNA
 176 <213> ORGANISM: Artificial Sequence
 178 <220> FEATURE:
 179 <223> OTHER INFORMATION: Synthetic DNA
 181 <400> SEQUENCE: 8
 182 gcctagcgcc gagta 15
 185 <210> SEQ ID NO: 9
 186 <211> LENGTH: 18
 187 <212> TYPE: DNA
 188 <213> ORGANISM: Artificial Sequence
 190 <220> FEATURE:
 191 <223> OTHER INFORMATION: Synthetic DNA
 193 <400> SEQUENCE: 9
 194 tggcagctta agtttgaa 18
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 199 <212> TYPE: DNA
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 203 <223> OTHER INFORMATION: Synthetic DNA
 205 <400> SEQUENCE: 10

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215 <223> OTHER INFORMATION: Synthetic DNA
217 <400> SEQUENCE: 11
218 cagcctaaga gggagtg 17
221 <210> SEQ ID NO: 12
222 <211> LENGTH: 18
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Synthetic DNA
230 <220> FEATURE:
231 <221> NAME/KEY: misc_feature
232 <222> LOCATION: (1)..(1)
233 <223> OTHER INFORMATION: n = inosine
235 <220> FEATURE:
236 <221> NAME/KEY: misc_feature
237 <222> LOCATION: (6)..(6)
238 <223> OTHER INFORMATION: n = inosine
240 <220> FEATURE:
241 <221> NAME/KEY: misc_feature
242 <222> LOCATION: (11)..(11)
243 <223> OTHER INFORMATION: n = inosine
245 <400> SEQUENCE: 12
W--> 246 naggtngaca ncgtgtgc 18
249 <210> SEQ ID NO: 13
250 <211> LENGTH: 15
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Synthetic DNA
257 <400> SEQUENCE: 13
258 ggaggagggtt aagtt 15
261 <210> SEQ ID NO: 14
262 <211> LENGTH: 14
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Synthetic DNA
270 <220> FEATURE:
271 <221> NAME/KEY: misc_feature
272 <222> LOCATION: (10)..(10)
273 <223> OTHER INFORMATION: n = inosine
275 <400> SEQUENCE: 14
W--> 276 ctctacgggn gagt 14

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Input Set : A:\220681US0XPCT.txt

Output Set: N:\CRF4\12072004\J089164.raw

279 <210> SEQ ID NO: 15
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 281 <212> TYPE: DNA
 282 <213> ORGANISM: Artificial Sequence
 284 <220> FEATURE:
 285 <223> OTHER INFORMATION: Synthetic DNA
 288 <220> FEATURE:
 289 <221> NAME/KEY: misc_feature
 290 <222> LOCATION: (14)..(14)
 291 <223> OTHER INFORMATION: n = inosine
 293 <400> SEQUENCE: 15

W--> 294 cccgggtggac aacnac 16

297 <210> SEQ ID NO: 16
 298 <211> LENGTH: 27
 299 <212> TYPE: DNA
 300 <213> ORGANISM: Artificial Sequence
 302 <220> FEATURE:
 303 <223> OTHER INFORMATION: Synthetic DNA
 305 <400> SEQUENCE: 16

306 ccggatcctt cgtgtcccca cagcacg 27

309 <210> SEQ ID NO: 17
 310 <211> LENGTH: 19
 311 <212> TYPE: DNA
 312 <213> ORGANISM: Artificial Sequence
 314 <220> FEATURE:
 315 <223> OTHER INFORMATION: Synthetic DNA
 317 <400> SEQUENCE: 17

318 tcgccgctgc actgtgaag 19

321 <210> SEQ ID NO: 18
 322 <211> LENGTH: 15
 323 <212> TYPE: DNA
 324 <213> ORGANISM: Artificial Sequence
 326 <220> FEATURE:
 327 <223> OTHER INFORMATION: Synthetic DNA
 329 <400> SEQUENCE: 18

330 gagcagaagc gggcc 15

333 <210> SEQ ID NO: 19
 334 <211> LENGTH: 15
 335 <212> TYPE: DNA
 336 <213> ORGANISM: Artificial Sequence
 338 <220> FEATURE:
 339 <223> OTHER INFORMATION: Synthetic DNA
 341 <400> SEQUENCE: 19

342 ctggaagacg agcgg 15

345 <210> SEQ ID NO: 20
 346 <211> LENGTH: 18
 347 <212> TYPE: DNA
 348 <213> ORGANISM: Artificial Sequence
 350 <220> FEATURE:

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/089,164

DATE: 12/07/2004
TIME: 10:15:50

Input Set : A:\220681US0XPCT.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 9, 13 ✓
Seq#:5; N Pos. 12 ✓
Seq#:6; N Pos. 5, 7, 10, 13, 15, 17, 18 ✓
Seq#:7; N Pos. 9, 11, 12, 13, 15 ✓
Seq#:12; N Pos. 1, 3, 11 ✓
Seq#:14; N Pos. 10 ✓
Seq#:15; N Pos. 14 ✓

VERIFICATION SUMMARY

DATE: 12/07/2004

PATENT APPLICATION: US/10/089,164

TIME: 10:15:50

Input Set : A:\220681US0XPCT.txt

Output Set: N:\CRF4\12072004\J089164.raw

L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0